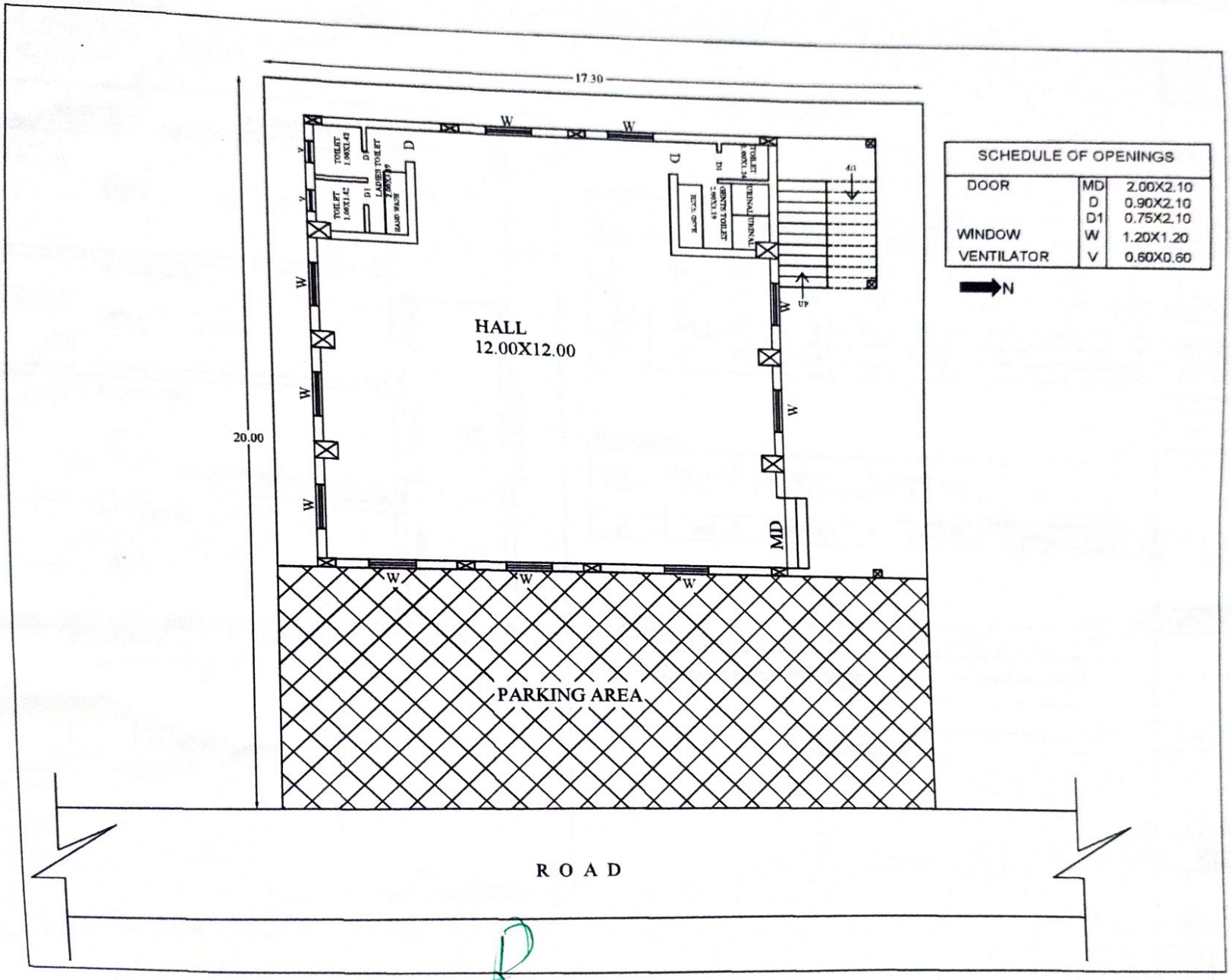

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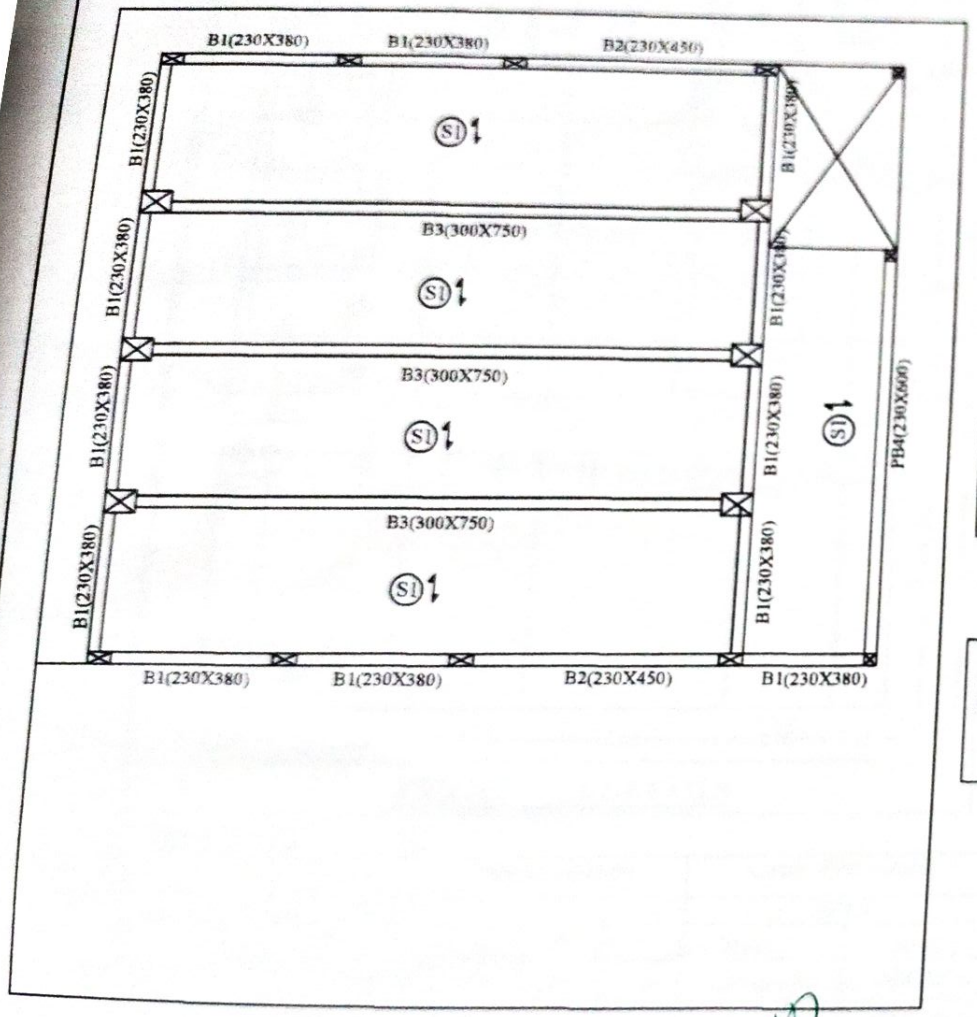
Project Division
Yelahanka Zone
BBMP, Bangalore - 92



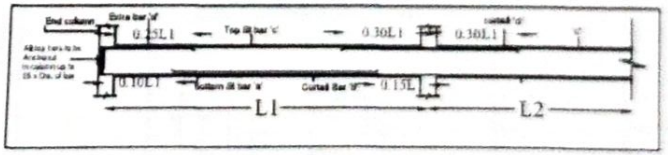
SLAB BEAM FORM WORK

SLAB BEAM DETAILS

BEAM NUMBERS	BREADTH	DEPTH	TOP "ST" BARS	TOP "EX" BARS	BOTTOM "ST" BARS	BOTTOM "EX" BARS	STIRRUPS
B1	230	380	2-16#	2-16#	2-16#	2-16#	2L-8#@150C/C
B2	230	450	2-16#	3-16#	3-16#	2-16#	2L-8#@150C/C
B3	300	750	3-25#	3-25#	3-25#	3-25#	2L-10#@125C/C
B4	230	600	3-16#	2-16#	3-16#	3-16#	2L-8#@150C/C

SLAB DETAILS

SLAB NUMBERS	SLAB DEPTH IN 'MM'	REINFORCEMENT IN SHORTER DIRECTION	REINFORCEMENT IN LONGER DIRECTION	SLAB TYPE
S1	150	10#@150C/C	8#@150C/C	ONE WAY



TYPICAL SECTION OF BEAM

TITLE

SLAB BEAM & SLAB DETAILS

NOTES AND SPECIFICATIONS

PROJECT NAME

ARCHITECT

STRUCTURAL CONSULTANT

Struct-Technology

DATE	DWG NO	DRN BY	CKD BY

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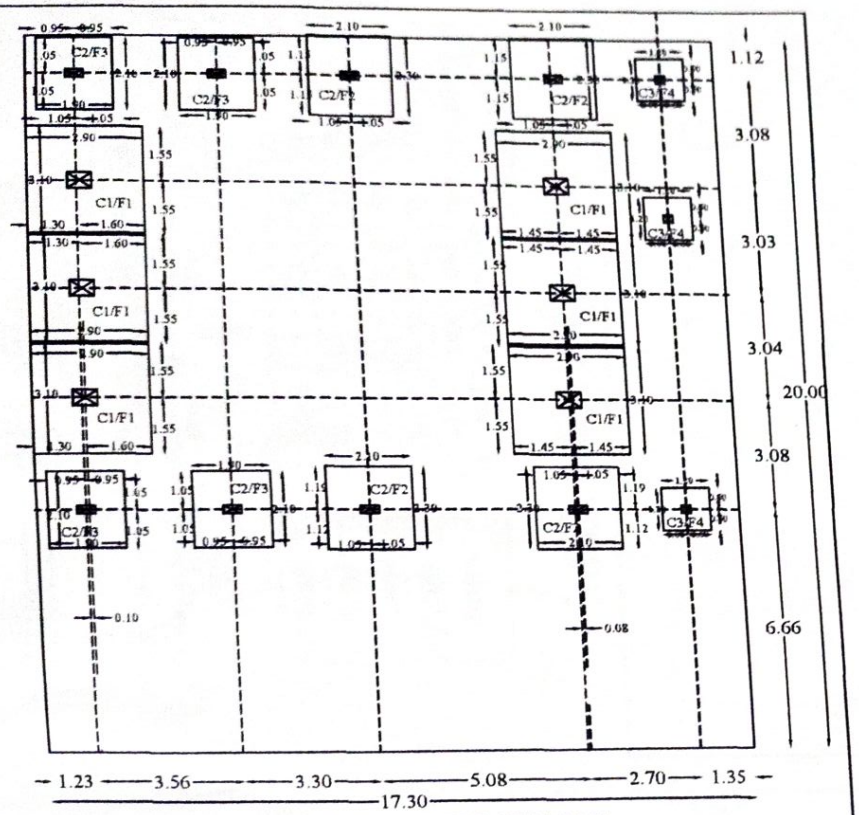
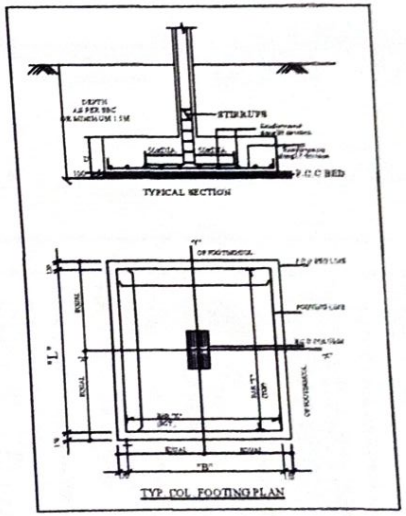
Project Division
Yelahanka Zone
BBMP, Bangalore - 92



CENTERLINE DETAILS

COLUMN DETAILS

SHAPE OF COLUMNS				
REINFORCEMENT	MAIN	10–20ϕ	8–16ϕ	4–12ϕ
	TIES	T8@200C/C	T8@200C/C	T8@200C/C
SIZE OF COLUMNS		450 X 900	230 X 450	230 X 230
LEVEL	TO	TERRACE FLOOR	TERRACE FLOOR	TERRACE FLOOR
	FROM	FOOTING	FOOTING	FOOTING
GRADE OF CONCRETE		M25	M25	M25
DESIGNATION		C1	C2	C3
SHAPE OF TIES				



FOOTING DETAILS

FOOTING NUMBERS	NO. OF FOOTING	FOOTING TYPE	FOOTING DIMENSION			FOOTING REINFORCEMENT	
						BOTTOM	
			L	B	D	ALONG B	ALONG L
F1	6	PAD	3.10	2.90	0.50	12ϕ@125C/C	12ϕ@125C/C
F2	4	PAD	2.30	2.10	0.40	10ϕ@125C/C	10ϕ@125C/C
F3	4	PAD	2.10	1.90	0.35	10ϕ@150C/C	10ϕ@150C/C
F4	3	PAD	1.20	1.20	0.30	10ϕ@150C/C	10ϕ@150C/C

AE

Asst. Executive Engineer
Project Division

TITLE

COLUMN & FOOTING DETAILS

NOTES AND SPECIFICATIONS

1. ALL DIMENSIONS ARE IN MM AND ARE TO FOLLOW THE WRITTEN DIMENSIONS AND DO NOT SCALE THE DRAWING.
2. READ THE DRAWING ALONG WITH RELEVANT ARCHITECTURAL DRAWING AND CO-RELATE THE DETAILS. ANY DISCREPANCY IN THE SAME MAY BE BROUGHT TO THE NOTICE BEFORE COMMENCEMENT OF WORK.
3. THE CONCRETE STRENGTH SHOULD BE ASSESSED BEFORE CASTING THE QUALITY, STRUCTURE AND OTHER PARAMETER SHOULD CONFORM TO THE SPECIFICATION IN IS 456 & IS 9103 AS PER THE RELEVANT AND APPLICABLE STANDARDS.
4. STEEL TO BE USED IN REINFORCEMENT SHOULD BE
5. CLEAR COVER TO THE MAIN REINFORCEMENT SHOULD BE:
   - 25MM FOR BEAMS
   - 20MM FOR SLABS
   - 50MM FOR FOOTINGS
   - 40MM FOR COLUMNS
   - 25MM FOR SHADE BEAMS
6. THE SBC CONSIDERED FOR THE DESIGN IS 150KN/SQM ANY CHANGES IN THE EXECUTION.
7. THE BUILDING IS DESIGN FOR GROUND + 2 FLOORS ONLY.
8. GRADE OF CONCRETE M25 FOR ALL RCC FRAME.

PROJECT NAME

ARCHITECT

STRUCTURAL CONSULTANT

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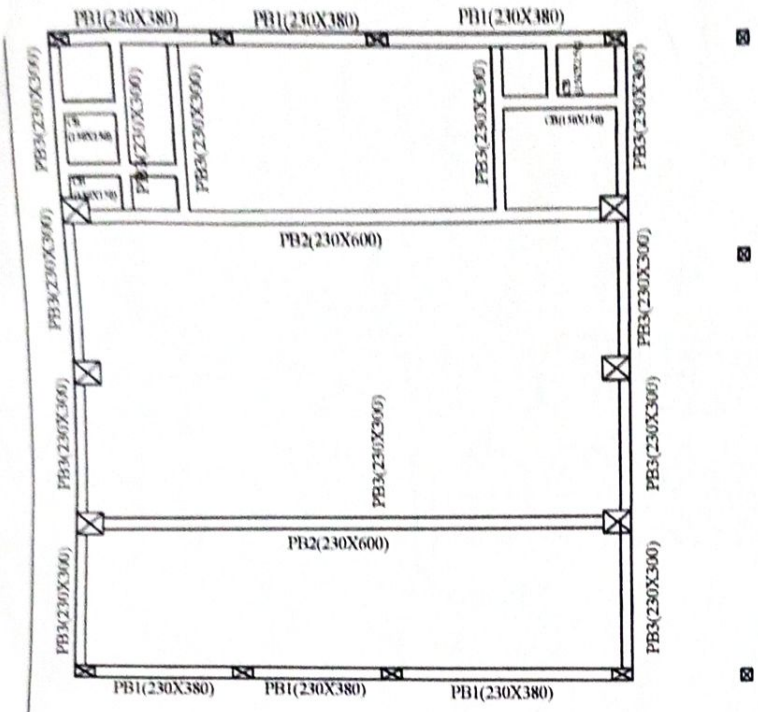
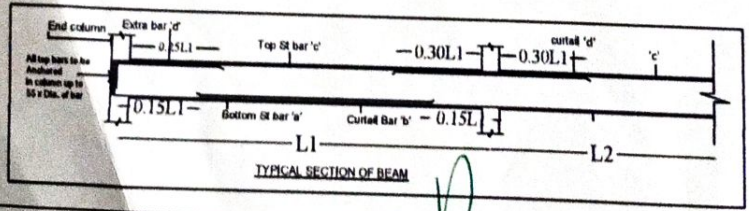
DATE	DWG NO	DRN BY	CKD BY
	ST/HB/STR-01	ZAIBA	PUNEET



PLINTH BEAM FORM WORK

PLINTH BEAM DETAILS

BEAM NUMBERS	BREADTH	DEPTH	TOP "ST" BARS	TOP "EX" BARS	BOTTOM "ST"BARS	BOTTOM "EX"BARS	STIRRUPS
PB1	230	380	2-12#	2-12#	2-12#	2-12#	2L-8#@175C/C
PB2	230	600	2-16#	3-12#	3-16#	3-12#	2L-8#@175C/C
PB3	230	300	2-12#	2-12#	2-12#	2-12#	2L-8#@175C/C
CB	150	150	2-12#	----	2-12#	----	2L-8#@200C/C



TYPICAL SECTION OF BEAM

TITLE

PLINTH BEAM DETAILS

NOTES AND SPECIFICATIONS

1. ALL DIMENSIONS ARE IN INCHES AND FEET FOLLOW THE WRITTEN DIMENSIONS AND DO NOT SCALE THE DRAWING.
2. READ THE DRAWING ALONG WITH RELEVANT ARCHITECTURAL DRAWING AND CO-REALATE THE DETAILS. ANY DISCREPANCY IN THE SAME MAY BE BROUGHT TO THE NOTICE BEFORE COMMENCEMENT OF WORK
3. THE CEMENT STRENGTH SHOULD BE ASSESED BEFORE CASTING THE QUALITY STRENGTH AND OTHER STANDARDS SHOULD CONFORM TO THE SPECIFICATION IN IS: 269 & IS: 8112 AS PER THE REVELANT AND APPLICABLE STANDARDS.
4. STEEL TO BE USED IN REINFORCEMENT SHOULD BE
   a) TESTED QUALITY HIGH YIELD STRENGTH DEFORMED BARS (WHEREVER DENOTED AS Y) WHOSE STANDARDS SHOULD STRICTLY CONFORM TO THE SPECIFICATION IN IS: 1139 & IS:1786-1985.(THE PROOF STRESS OF WHICH SHOULD BE 550N/SQ.MM) ALL BARS ABOVE 6M DIA SHOULD BE HYSD BARS.
5. CLEAR COVER TO THE MAIN REINFORECEMENT SHOULD BE:
   25MM FOR BEAMS
   15MM FOR SLABS
   50MM FOR FOOTINGS
   40MM FOR COLUMNS
   35MM FOR GRADE BEAMS
6. THE SBC CONSIDERED FOR THE DESIGN IS 180KN/SQM ANY CHANGES IN THE EXECUTION.
7. THE BUILDING IS DESIGN FOR GROUND + 2 FLOORS ONLY.
8. GRADE OF CONCRETE M25 FOR ALL RCC ITEAMS.

PROJECT NAME

ARCHITECT

STRUCTURAL CONSULTANT

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DATE	DWG NO	DRN BY	CKD BY
	ST/HB/STR-02	ZAIBA	PUNEET

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